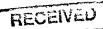
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OCT 1 4 1997 Department of Commerce

_	DEC 1606	Patent and Trademark Office			
6-9	m PTO-1595 RECORDATION FOR	CM COVER STEET			
	PATENT				
┢	to the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.				
To	the Honorable Commissioner of Patents and Tracella and Tr	2. Name and address of receiving party:			
1.	Name of conveying party:	2. Name and address of toothers			
	10-14-91	Name: ProScript, Inc.			
Z	nijian J. CHEN				
H		Street Address: 38 Sidney Street			
A	ditional name(s) of conveying party(ies) attached? yes no	City: Cambridge State: Massachusetts Zip Code: 02139			
1	Nature of Conveyance:	City: Cambridge State, Massachusetta Zip			
3	. Nature of conveyance.	Country: U.S.A.			
	■ Assignment				
	☐ Security Agreement ☐ Change of Name	Additional name(s) & address(es) attached? ☐ yes ■ no			
I	□ Other				
	Dotal Sentember 29 1997				
	Execution Date: September 29, 1997				
\vdash					
1 4	4. Application number or patent number(s): 08/825,559				
	If this document is being filed together with a new application	, the execution date of the application is			
1	If this document is being filed together with a now approximation				
-		B. Patent No(s).			
	A. Patent Application No(s).	D. Latherto(b).			
-					
1	Additional numbers attached? □ yes ■ no				
-	c 1.4 mb an correspondence	6. Total number of applications and patents involved: 1			
-	Name and address of party to whom correspondence concerning document should be mailed:				
1		7. Total fee (37 C.F.R. § 3.41)\$ 40.00			
1	Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.	7. 10th fee (57 C.I.I.C § 5.17)			
1		■ Enclosed			
ı	Internal Address: c/o				
-		☐ Authorized to be charged to Deposit Account			
1		8. Deposit Account Number: 19-0036			
- 1	Street Address: 1100 New York Ave., N.W.	8. Deposit Account Trainers			
	Suite 600				
	City: Washington State: D.C. Zip Code: 20005-3934				
e	City: Washington State. D.C. Lip Codd: 2000	THIS SDACE			
	DO NOT U	SE THIS SPACE			
¥.	9. Statement and signature.				
	9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true				
	To the best of my knowledge and belief, the foregoing infor	mation is true that correct and my			
-	cons of the original document.				
ľ	Man 187 PM 10/14/97				
	Name of Person Signing Signature				
1	Registration No. 36,463	Total number of pages including cover sheet, attachments and document: 2			
	OMB NO. 0651-0011 (exp.4/94)				
	Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments				
	Commissioner of Patents and Placetina and Pl				

P./USERS/CHERRIED/1448/0240001.REC 017.pdo SKGF Rev. 4/16/96

10/22/1997 TTOH11 00000156 06825559

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of
the undersigned: Zhijian J. Chen, the undersigned hereby sell(s) and assign(s) to ProScript, Inc. (the Assignee) his/her entire right, title and interest
2 12 2 12 12 12 12 12 12 12 12 12 12 12
check applicable box(es) ✓ for the United States of America (as defined in 35 U.S.C. § 100), ✓ and throughout the world,
in the invention(s) known as A KINASE CAPABLE OF SITE-SPECIFIC PHOSPHORYLATION OF $I \kappa B \alpha$ for which application(s) for patent in the United States of America has (have) been executed by the undersigned on $9/29/97$ (also known as United States Application No. 08/825,559, filed March 19, 1997), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.
The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.
The undersigned hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912, Edward J. Kessler, Esquire, Registration No. 25,688, Jorge A. Goldstein, Esquire, Registration No. 29,021, Samuel L. Fox, Esquire, Registration No. 30,353, David K.S. Cornwell, Esquire, Registration No. 31,944, Robert W. Esmond, Esquire, Registration No. 32,893, Tracy-Gene G. Durkin, Esquire, Registration No. 32,831, Michele A. Cimbala, Esquire, Registration No. 33,851, Michael B. Ray, Esquire, Registration No. 33,997 and Robert E. Sokohl, Esquire, Registration No. 36,013, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.
IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).
Date: 9/19/97 Signature of Inventor: Zhijian J. Chen
P:\USERS\TPITTMAN\1448\024-1.ASN

U.S. DEPARTMENT OF COMMERCE FORM PTO-159 RL ORE Patent and Trademark Office Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) 101148495 — rease record the attached original documents or copy thereof. To the Honorable Commissioner of Patents and Trademark 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): ProScript, Inc. Name: LeukoSite, Inc. Internal Address:___ Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: Street Address: 215 First Street ☑ Assignment □ Merger □ Change of Name ☐ Security Agreement City: Cambridge State: MA ZIP: 02142 □ Other _____ Execution Date: September 8, 1999 Additional name(s) & address(es) attached? ☐ Yes No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 08/825,559 Additional numbers attached?

Yes

No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Name: Janice M. Klunder, Ph.D. □ Enclosed Internal Address: Hale and Dorr LLP ☑ Authorized to be charged to deposit account Charge any additional fees associated with this paper or during the pendancy of this application, or credit any overpayment, to deposit account. Street Address: 60 State Street 8. Deposit account number: 08-0219 City: Boston State: MA ZIP: 02109 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9/15/1999 JSHABAZZ 00000075 080219 08825559 40.00 CH 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. September 9, 1999

Total number of pages including cover sheet, attachments, and document:

Date

Janice M. Klunder

Name of Person Signing Registration No. 41,121

Attorney Docket No.: 102.603.179

ASSIGNMENT

WHEREAS, ProScript, Inc., a Delaware corporation, having a principal place of business at 38 Sidney Street, Cambridge, Massachusetts 02139 ("ASSIGNOR"), is the owner of the entire right, title and interest in and to the invention disclosed in the application for Letters Patent entitled "Kinase Capable of Site-Specific Phosphorylation of IκΒ-α", the specification of which was filed with the United States Patent and Trademark Office on March 19, 1997, and assigned United States Patent Application Number 08/825,559 ("PATENT"); and

WHEREAS, LeukoSite, Inc., a Delaware corporation, having a principal place of business at 215 First Street, Cambridge, Massachusetts 02142 ("ASSIGNEE"), is desirous of acquiring the right, title and interest in and to the PATENT;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to the PATENT and any patents, and any reissues and extensions thereof, which issue upon patent applications which correspond with the PATENT, including the right to sue and collect for past infringements ("EXTENDED RIGHTS"); the same to be held and enjoyed by ASSIGNEE for its own use, and for the use of its legal representatives, to the full term for which the PATENT and EXTENDED RIGHTS have been granted as fully and entirely as the same would have been held by ASSIGNOR had this Assignment not been made.

ASSIGNOR does hereby further covenant and agree that it will not execute any writing or do any act whatsoever conflicting with these presents, and that ASSIGNOR, its successors and assigns, will at any time upon request of ASSIGNEE,

Attorney Docket No.: 102.603.179

its successors and assigns, execute such additional writings and do such additional acts as ASSIGNEE, its successors and assigns, may determine as necessary or desirable in the enjoyment of this grant, and in any proceedings or transactions involving the PATENT and EXTENDED RIGHTS.

IN WITNESS WHEREOF, the ASSIGNOR, by its duly authorized officer, has executed this Assignment, as an instrument under seal, on this ______ day of _______, 1999.

PROSCRIPT, INC.

By:

The foregoing instrument was acknowledged before me this 3 day of

September, 1999.

Notary of Public

(Rev. 6-93) ••• DMB No. 0651-0011 (exp.4/94) Copyright 1996-97 Legal Star P08A/REV02

RECORDATION FORM COVER SHEET

05-03-2001

cket No.: 103576.200

PATENTS ONLY

Tab settings → → → ▼PADEMARK® ▼	▼	
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached 101699990	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
LeukoSite, Inc.	Name: Millennium Pharmaceuticals, Inc.	
	Address: 75 Sidney Street	
Additional names(s) of conveying party(ies)		
3. Nature of conveyance:		
☐ Assignment ☒ Merger		
☐ Security Agreement ☐ Change of Name	City: Cambridge State/Prov.: MA	
☐ Other	Country: USA ZIP: 02139	
Execution Date: March 15, 2000	Additional name(s) & address(es) ☐ Yes ☒ No	
4. Application number(s) or registration numbers(s):		
If this document is being filed together with a new application,	the execution date of the application is:	
Patent Application No. Filing date	B. Patent No.(s)	
THE STATE OF THE S	6,107,073	
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<u> </u>		
Additional numbers	☐ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Wayne A. Keown	7. Total fee (37 CFR 3.41):\$ 40.00	
Registration No. 33, 923	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account	
Address: Hale and Dorr LLP		
60 State Street	Authorized to be charged to deposit account	
	Q. Donooit account would are	
City: Boston State/Prov.: MA	8. Deposit account number:	
Country: ZIP: 02109	08-0219	
5/03/2001 DBYRHE 00000010 080219 6107073 DO NOT U	ISE THIS SPACE	
1 FC:581 40.00 CH		
Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document.	tion is true and correct and any attached copy is a true copy	
Janice M. Klunder, Reg. No. 41,121	ice M. Klunder 4/19/01	
Name of Person Signing Total number of pages including of	Signature Date	

State of Delaware

PAGE 1

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"LEUKOSITE, INC.", A DELAWARE CORPORATION,

WITH AND INTO "MILLENNIUM PHARMACEUTICALS, INC." UNDER THE NAME OF "MILLENNIUM PHARMACEUTICALS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SIXTEENTH DAY OF MARCH, A.D. 2000, AT 5:30 O'CLOCK P.M.



Edward J. Freel, Secretary of State

0512437

AUTHENTICATION:

06-21-00

001315321

2296418 8100M

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

LeukoSite, Inc.
(a Delaware corporation)

INTO

Millennium Pharmaceuticals, Inc. (a Delaware corporation)

Millennium Pharmaceuticals, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation"), does hereby certify:

<u>FIRST</u>: That the Corporation was incorporated on the 13th day of January, 1993 pursuant to the General Corporation Law of the State of Delaware.

SECOND: That the Corporation owns all of the outstanding shares of each class of the stock of LeukoSite, Inc., a corporation incorporated on the 1st day of May, 1992 pursuant to the General Corporation Law of the State of Delaware.

THIRD: That the Executive Committee of the Board of Directors of the Corporation, by written consent effective as of the 13th day of March, 2000, duly adopted the following resolutions:

RESOLVED: That, pursuant to Section 253 of the Delaware General Corporation Law, the Corporation is hereby authorized to merge LeukoSite, Inc., a Delaware corporation which is a wholly owned subsidiary of the Corporation, into the Corporation;

RESOLVED: That the President and Secretary of the Corporation be and each hereby is, authorized to execute a Certificate of Ownership and Merger with respect to the merger of LeukoSite, Inc. into the Corporation, cause the same to be filed with the Secretary of State of Delaware and take all such other actions and to execute all such other instruments and agreements as they or any of them may deem appropriate to effect such merger;

RESOLVED: That the merger of LeukoSite, Inc. into the Corporation shall be effective upon the filing of a Certificate of Ownership and Merger with the Secretary of State of Delaware.

IN WITNESS WHEREOF, the Corporation has caused this Certificate to be signed by its authorized officer this 15th day of March, 2000.

MILLENNIUM PHARMACEUTICALS, INC.

Secretary

Jack Douglas

Declaration for Patent Application

Docket Number: 1448.0240001

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled A KINASE CAPABLE OF SITE-SPECIFIC PHOSPHORYLATION OF IκBα, the specification of which is attached hereto unless the following box is checked:

was filed on March 19, 1997, as United States Application Number 08/825,559.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to di	sclose information that is material	to patentability as defined in 37 C.F.R. § 1.	56.	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-		
I hereby claim foreign priori	ty benefits under 35 U.S.C. § 119	(a)-(d) or § 365(b) of any foreign application	n(s) for paten	t or
Estates listed below and beau	ob(a) of any PCT international app	lication, which designated at least one coun	try other than	the United
annlication having a filing d	e also idenuned below any loreign ate before that of the application o	application for patent or inventor's certifica	ite, or PCT int	ernational
abbucation naving a ming of	are before that of the application of	if which priority is claimed.		
Prior Foreign Application(s)			Priority	Claimed
(Amplication Na.)	(0 /)		□ Yes	□ No
(Application No.)	(Country)	(Day/Month/Year Filed)		
			77 V	n M.
(Application No.)	(Country)	(Day/Month/Year Filed)	□ Yes	□ No
5 105F	•	, , , , , , , , , , , , , , , , , , , ,		
(Application No.)	(Filing Date)			
(Application No.)	(Filing Date)			
application designating the U not disclosed in the prior Uni U.S.C. § 112, I acknowledge	nited States, listed below and, insted States or PCT international ap the duty to disclose information the	States application(s), or under § 365(c) of a state subject matter of each of the clair plication in the manner provided by the first nat is material to patentability as defined in an and the national or PCT international filing	ns of this app t paragraph of 37 C.F.R. § 1.:	lication is
08/616,499	March 19, 1996	Abandoned		
(Application No.)	(Filing Date)	(Status - patented, pend	ling, abandone	ed)
(Application No.)	(Filing Date)	(Status - patented, pend		

DATE OF DIPOSIT September 24 1892

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 1100 New York Avenue, N.W. Suite 600 Washington, D.C. 20005-3934

Direct Telephone Calls to:

(202) 371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

- 1	
1 1 1	Full name of sole or first inventor Zhijian J. Chen
The state of	Inventor's signature then 3/4 Date
A Laker	Residence 8200 Southwestern Blvd., Apt. 205, Dallas, TX 75206
	Citizenship China
	Post Office Address Same as above
1,11	
	Full name of second inventor
	Second Inventor's signature . Date
	Residence
	Citizenship
	Post Office Address

POWER OF ATTORNEY FROM ASSIGNEE

ProScript, Inc., a corporation of <u>Cambridge</u>, <u>Massachusetts</u>, having a principal place of business at <u>38 Sidney Street</u>, <u>Cambridge</u>, <u>Massachusetts 02139</u>, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on <u>September 29, 1997</u> of an invention known as <u>A KINASE CAPABLE OF SITE-SPECIFIC PHOSPHORYLATION OF IKBα</u> (Attorney Docket No. 1448.0240001), which is disclosed and claimed in a patent application of the same title by the inventor <u>Zhijian J. Chen</u> (said application filed on <u>March 19, 1997</u> at the U.S. Patent and Trademark Office, having Application Number <u>08/825,559</u>).

The Assignee hereby appoints the following U.S. attorneys to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; Samuel L. Fox, Registration No. 30,353; David K.S. Cornwell, Registration No. 31,944; Robert W. Esmond, Registration No. 32,893; Tracy-Gene G. Durkin, Registration No. 32,831; Michael A. Cimbala, Registration No. 33,851; Michael B. Ray, Registration No. 33,997; Robert E. Sokohl, Registration No. 36,013; Eric K. Steffe, Registration No. 36,688; Stacey L. Channing, Registration No. 31,095; and Janice M. Klunder, Registration No. 41,121. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

Sterne, Kessler, Goldstein & Fox P.L.L.C. 1100 New York Avenue, N.W. Suite 600 Washington, D.C. 20005-3934 U.S.A.

Direct phone calls to 202-371-2600.

FOR: ProScript, Inc.

SIGNATURE: David Lubner

TITLE: V.P., Finance & Administration, CFO

DATE: 10/10/97

DATE OF DEPOSIT September 04, 1992.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Attorney Docket No. 102.603.179)

In re Application of:

Zhijian J. Chen

Serial No.:

08/825,559

Filing Date:

March 19, 1997

Title:

KINASE CAPABLE OF SITE-SPECIFIC

PHOSPHORYLATION OF IKΒ-α

Art Unit:

1644

Assistant Commissioner for Patents 🖶 Washington, DC 20231

Sir:

REVOCATION AND CREATION OF POWER OF ATTORNEY

Hon. Assistant Commissioner for Patents:

I, David Lubner, hereby certify that I am authorized to act on behalf of ProScript Incorporated in matters before the United States Patent and Trademark Office. I further certify that ProScript Incorporated is the Assignee and the exclusive licensee of the aboveidentified United States patent application. I further certify that the assignment documents for the above-identified patent application have been reviewed and that to the best knowledge and belief of ProScript Incorporated, title in such patent application is in the name of ProScript Incorporated. The assignment to ProScript Incorporated for the aboveidentified patent application were recorded in the United States Patent and Trademark Office on May 21, 1996 at reel 7951, frame 0054, in U.S.S.N. 08/616,499 which this application is a continuation-in-part of.

In the above-identified United States patent application, I hereby revoke all powers of attorney previously created. I hereby appoint the following attorneys to prosecute the above-identified application and transact all business in the Patent and Trademark Office connected therewith.

EXPRESS MAIL LABEL NO. £2365024082 US DATE OF DEPOSIT September 34 1999

James B. Lampert	Reg. No. 24,564
Wayne M. Kennard	Reg. No. 30,271
Michael J. Bevilacqua	Reg. No. 31,091
Hollie L. Baker	Reg. No. 31,321
Henry N. Wixon	Reg. No. 32,073
Donald R. Steinberg	Reg No. 37,241
Wayne A. Keown, Ph.D.	Reg. No. 33,923
Ann-Louise Kerner, Ph.D.	Reg. No. 33,523
Michael A. Diener	Reg. No. 31,122
Colleen Superko	Reg. No. 39,850
Richard A. Goldenberg	Reg. No. 38,895
Gretchen A. Rice, Ph.D.	Reg. No. 37,429
Peter Dichiara	Reg. No. 38,005
Scott M. Alter	Reg. No. 32,879
Edward Grieff	Reg. No. 38,898
Jason A. Reyes	Reg. No. 41,513
Keum J. Park	Reg. No. 42,059
Janice M. Klunder	Reg. No. 41,121

the mailing address and telephone number of each of whom is Hale and Dorr LLP, 60 State Street, Boston, Massachusetts 02109, and (617) 526-6000.

☐All correspondence should be sent to:

Wayne A. Keown, Ph.D. Hale and Dorr LLP 60 State Street Boston, MA 02109

Tel. No.:

(617) 526-6000

Fax. No.:

(617) 526-5000

ProScript, Inc. 38 Sidney Street Cambridge, MA 02139

Vice President, Finance and Administration and CFO

Date: 6-14-98